

8/072/62/000/012/001/001

Effect of some oxides on the reduction... B101/B144

glass with the radius of the alkali ion is explained by the glass structure being loosened as the alkali ion radius increases, which favors the diffusion of hydrogen and polarization of oxygen, thus reducing Si-O-Si bond is reduced. There are 3 figures. The most important English-language reference is: W. Weyl, E. Marboe, Glass Industry, 1961, v. 42, no. 4.

ASSOCIATION: MKhTI imeni D. I. Mendeleyeva. (MKhTI imeni D. I. Mendeleyev) (I. I. Kitaygorodskiy); Nauchno-issledovatel'skiy institut elektrotekhnicheskogo stekla (Scientific Research Institute of Electrotechnical Glass) (Ye. A. Faynberg, L. A. Grechanik)

Card 3/3

15.26.10

AUTHORS:

TITLE:

PERIODICAL:

TEXT:

positions 35-70 mol.% SiO₂. The specimens were prepared by fusing pure materials in quartz crucibles: electric resistance was measured on discs 45 mm in dia and 1.5 mm thick, with graphite electrodes, with a reproducibility of 15 - 20%. The plot of log P₂₀₀₀ (where P = general log P₂₀₀₀ at 200°C) against molar % Na₂O showed that in general log P₂₀₀₀ remained essentially steady, or even increased. Card 1/2

45602
S/080/63/036/001/008/026
D226/D308

D226/D300
Grechanik, L.A., Faynberg, Ye. A., and
Zertsalova, I.N. The Application of Glasses in the

Grechanik, L.A., Faynbe, N.
Zertsalova, I.N.
Electroconductivity of glasses in the system
 $\text{Na}_2\text{O}-\text{PbO}-\text{SiO}_2$
khimii, v. 36, no. 1,

Electroconductivity per unit volume of a system, for c
Zhurnal prikladnoy khimii, v. 36, no. 1,
1963, 91 - 94

Electroconductivity per unit volume of a system, for c
Zhurnal prikladnoy khimii, v. 36, no. 1,
1963, 91 - 94

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5"

S/080/63/036/001/008/026
Electroconductivity of glasses ... D226/D308

for small additions of Na₂O replacing PbO, but decreased sharply when the Na₂O was raised from 12 - 50%. Also, log ρ_{200° tended to increase up to a point with increasing PbO, for Na₂O contents of 6-35%; for a constant PbO content, log ρ_{200° remained essentially unchanged for 0-12 mol.% Na₂O and decreased rapidly as Na₂O was raised to 20-36%. The results are summarized on a ternary diagram. In PbO-SiO₂, glasses the current is carried by Pb⁺⁺, whilst the current carriers in the ternary glasses are largely Na⁺. Two composition fields exist, as defined by the lines of equal resistance; in one of these Pb ions are merely modifiers and in the other Pb ions may be incorporated in the Si-O lattice. This difference is ascribed to a change in the coordination number of Pb. There are 4 figures and 1 table.

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrotekhnicheskogo stekla (Scientific Research Institute of Electrochemical Glass)

SUBMITTED: September 12, 1961
Card 2/2

REF ID: A65011 /SP41W/CHT/PL/FDA/cn 1/EP41W/0/SEC151-2/

1/21

G.A. Paynberg, Ye.A.; Siprikov, I.V., Gremann, et al.

Secondary electron emission of hydrogen reduced high-lead glasses with enhanced conductivity. Report. Tenth Conference on Electrode Electronics held 15-18 Nov 1963?

SOURCE: AN SSSR, Izvestiya. Seriya fizicheskaya, v.28, no.9, 1964, 1516-1521

TOPIC TAGS: secondary emission, electron multiplier, glass, lead oxide, hydrogen reduction

ABSTRACT: The secondary emission coefficients and other properties of hydrogen-reduced high-lead glasses with enhanced surface conductivity were measured in order to assess the suitability of the materials for use as electrodes in electron multipliers in which the dynodes are not equipotential surfaces. Lead-silicate glasses containing a large proportion of PbO and having resistivities of 10^{11} to 10^{12} ohm-cm at 300°C were reduced in hydrogen at 380 to 450°C for 4 to 5 hours. The surface conduction of the resulting materials followed Ohm's law over a wide range of potential gradients, with surface resistivities from 10^6 to 10^{10} ohm. The conductivity was

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L 12045-65

ACCESSION NR: AP4045312

stable against prolonged heating at 200°C and against brief heating at 400°C. The temperature coefficient of surface resistivity was 0.3 to 0.4 percent per degree centigrade. Secondary emission coefficients as great as 4.5 were obtained at room temperature for incident electron energies of approximately 300 eV; the secondary emission decreased rapidly with further increase of the primary electron energy. The maximum secondary emission coefficient decreased by approximately 15% when the temperature was raised from room temperature to 340°C, and the secondary emission for high energy primaries increased somewhat. Examination of the energy distribution of the secondary electrons with the aid of a retarding field disclosed the presence of a considerable number of negative energy secondaries, i.e., secondary electrons that would leave the target only under the influence of an accelerating field. It is suggested that a positive charge develops within the target where the glass is still a good insulator. The secondary emission coefficient was practically unaffected by storage in air for a year. The secondary emission from a specimen subjected to continuous bombardment at 3×10^{-5} A/cm² decreased by 30% during the first 30 hours, by another 14% during the succeeding 50 hours, and thereafter remained constant for the remainder of the 120 hour test. It is concluded that hydrogen-reduced lead-silicon glass is a promising material for use in electron multiplier of special design.

Orig.art.has: 9 figures.

2/3

AP46 45

ACCESSION NR: AP4045312

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: NP, EC

MR REF Sov: 006

OTHER: 006

3/3

L 4950-66 EWT(1)/EWP(e)/EWT(m)/EWP(1)/T/EWP(b)/EWA(h) IJP(c) AT/MH

ACC NR: AP5025718

SOURCE CODE: UR/0286/65/000/018/0071/0071

35
33

AUTHORS: Faynberg, Ye. A.; Panovkina, V. I.

ORG: none

TITLE: Glass. Class 32, No. 174780 [announced by State Scientific Research Institute for Electrovacuum Glass (Gosudarstvennyy nauchno-issledovatel'skiy institut elektrovakuumnogo stekla)]

SOURCE: Byulleten' izobreteni i tovarnykh znakov, no. 18, 1965, 71

TOPIC TAGS: glass, semiconductive glass, conductivity glass

ABSTRACT: This Author Certificate describes a glass obtained on the basis of SiO_2 , MnO , Al_2O_3 , and BaO . To insure that objects made from this glass have a surface conductivity¹³ of $10^4 - 10^9 \text{ ohm/cm}^2$, the glass is heated in an oxidizing atmosphere. The composition of the glass in cation percent is: SiO_2 40-60; MnO not exceeding 40; Al_2O_3 not exceeding 20; BaO not exceeding 20; CuO 5-15; PbO not exceeding 35; and R_2O not exceeding 10.

SUB CODE: MT / SUBM DATE: 06Feb64

UDC: 661.117.9

0901 1588

Card 1/1

FAYNEBERG, Ye.A.

Chemical composition of a phase reduced on the surface of
high-lead glasses during their heat treatment in hydrogen.
Zhur. prikl. khim. 38 no.10:2192-2196 O '65. (MIRA 18:12)

1. Submitted Sept. 25, 1963.

KATKOV, Pavel Pavlovich; KOSTROV, Aleksey Ivanovich; FAYNBERG,
Vasim Davidovich [deceased]; AVRUKH, M.G., inzh.
retsenzent; IVOCHKIN, V.F., inzh., retsenzent; SNIKOV,
V.I., nauchn. red.; SHAKHOVA, V.M., red.

[Motorboats and launches made of plastics] Shliupki i ka-
tera iz plastmass. Leningrad, Izd-vo "Sudostroenie,"
1964. 263 p. (MIRA 17:6)

5(1)

AUTHORS:

Faynberg, Ye. D., Edel'shteyn, O. Ye.

SOV/64-59-2-6/23

TITLE:

On the Ways of Utilizing Fluorine-containing Waste Gases of the
Phosphorus Fertilizer Industry (O putyakh ispol'zovaniya
otkhodyashchikh ftorgazov fosfornotukovoy promyshlennosti)

PERIODICAL:

Khimicheskaya promyshlennost', 1959, Nr 2, pp 116-123 (USSR)

ABSTRACT:

The utilization of fluorine-containing gases which are obtained in the production of superphosphate is much more developed in the USSR than in the western countries. In this connection sodium fluosilicate (I) is produced. Owing to a reduced demand of (I) the preparation of (I) to sodium fluoride (II) (70-75% NaF) was started in 1956-1957 at the Odessa, Vinnitsa and Voikresensk Superphosphate Works. Since the utilization of (II) is equally limited, some information concerning this subject is given by mentioning the following investigations: investigations are carried out in 1956 at the Gosudarstvennyy institut stekla (State Institute of Glass) point to a possibility of applying (I) in glass melting. At present, however, (I) is used only in two glass works ("Krasnyy Oktyabr" and Bytosh'). The efficiency of (I) in ore flotation was found at the Uralmekhanobr' and Krasnoural'skiy medeplavil'nyy zavod (Krasnoural'sk Copper-melting Works), while work at the Giredmet

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On the Ways of Utilizing Fluorine-containing Waste Gases SOV/64-59-2-6/23
of the Phosphorus Fertilizer Industry

deals with the application of (I) in extracting rare metals. Experimental investigations at the MIItsement, Giprotsement, and the Leningradskiy khimikotekhnologicheskiy institut (Leningrad Chemico-technological Institute) prove the efficiency of (I) as a setting agent in the formation of cement. A series of research work was carried out on the production of other fluosilicates, salts for aluminum industry, as well as of (II) and potassium fluoride (III) from fluorine-containing waste gases of the phosphorus fertilizer industry. At the Institut biologii Ural'skogo filiala Akademii nauk SSSR (Institute of Biology of the Ural Branch of the Academy of Sciences of the USSR) positive results were obtained by applying ammonium fluosilicate (IV) as an antiseptic. Experiments made at the Institut novykh stroymaterialov Akademii nauk stroitel'stva i arkhitektury SSSR (Institute for New Building Materials of the Academy of Sciences of Building and Architecture of the USSR), as well as investigations carried out at the VNIIasbotsement showed the possibility of applying magnesium- and zinc- fluosilicate (V) and (VI) as agents for the treatment with fluosilicate. The possibility of producing (IV),(V),(VI), copper- and iron fluosilicate (VII) and (VIII) by neutralizing fluosilicic

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On the Ways of Utilizing Fluorine-containing Waste Gases
of the Phosphorus Fertilizer Industry SOV/64-59-2-6/23

acid (FSA) with the corresponding reagents was found in 1947-1949 at the UNIKhim and tested on a semi-industrial scale (for (IV)) at the Vinnitsa works in 1951. Experiments concerning the production of (IV) were made also at the NIUIF, 1957-1958. At the Rizhskiy superfosfatnyy zavod (Riga Superphosphate Works) the (I)-production was adapted to the production of (IV). In 1939-1940 laboratory investigations were made at the GIPKh for the production of aluminum fluoride (IX) according to the ammonia method; the problem of producing (IX), however, was solved at the UNIKhim in 1953-1954 and the Krasnoural'skiy superfosfatnyy zavod (Krasnoural'skiy Superphosphate Works) in 1957-1958 after a reaction of (FSA) with aluminum hydroxide. Cryolite (X) was produced from waste gases according to 3 methods: carbonization-, ammonia- and UNIKhim-method. Investigations dealing with the first method were carried out at the VAMI (1935-1939) and the NIUIF (1951-1955), as well as until 1941 (by roasting (I)) at the Dnepropetrovskiy alyuminiyevyy zavod (Dnepropetrovsk Aluminum Works). The second method was tested at the laboratories of the GIPKh, experiments, however, are not yet finished. The best of these three methods is that devised by the UNIKhim (1953-1954), which was tested at the

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On the Ways of Utilizing Fluorine-containing Waste Gases of SOV/64-59-2-6/23
the Phosphorus Fertilizer Industry

Krasnouralsk Works on a semi-industrial scale and completed and applied on industrial scale at the Odessa works. It is based on the reaction of the aluminum fluoride solution with (II). The production of high-per-cent calcium fluoride (XI) was tested according to a reaction scheme by A. G. Pavlovich at the NIOKhim in 1955, and according to the ammonia method at the NIUIF in 1957. Both methods, however, are rather complicated. At the NIUIF a method of producing low-per-cent (XI) was devised. This method should be applied at the Sumskiy superfosfatnyy zavod (Sumy Superphosphate Works) since its waste gases have the necessary composition. The dissociation method tested by the NIUIF on a semi-industrial scale at the zavod im. Vojkova (Works imeni Vojkov) in 1949-1951 was the first method to be applied in the production of (II) from (I) in the USSR. In 1950-1954, the thermal soda method was introduced at the department of the works which is now shut down. Since the production of (II) by these works has been stopped. (II) is produced by the Vinnytsya, Odessa, and Voskresensk Works according to the suspension method devised by the NIUIF. Experiments concerning mechanical enrichment of dry (II) at the VKhK proved unsuccessful. Experiments were made at the UNIKhim

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On the Ways of Utilizing Fluorine-containing Waste Gases SOV/64-59-2-6/23
of the Phosphorus Fertilizer Industry

in 1938-1939 and at the Polevskoy kriolitovyy zavod (Polevskoy Cryolite Works), in 1952, which dealt with the purification of (II), without being introduced into practice. At the UNIKhim (1934-36), VKhK (1952-53) and at the Odessa Works in the course of the last years the so-called caustic method of enrichment of (II) was tested. In the last years experiments were also made at the UNIKhim and the Odessa Works concerning the separation of the (II)-suspension by means of a "hydrocyclone". Experiments of salting out (II) from the solution were made at the NIUIF in 1953, while the ammonia method for producing (II) was tested at the GIPKh in 1936-41. The potash method is regarded as the most expedient method for producing (II), it was devised by the NIUIF and the NIIkhp MMP RSFSR and examined in 1949-1952 in the laboratory, in 1953 on industrial scale at the Armavirskiy zavod MMP RSFSR (Armavir Works MMP RSFSR) and semi-industrially at the NIUIF test plant in 1955. According to the above explanations the preparation of fluorine-containing gases of the phosphorus fertilizer industry into salt for the aluminum industry is possible. As to the utilization of kieselguhr, reference is made to investigations carried out at the Voskresenskiy khimicheskiy Kombinat (Voskresensk Chemical Kombinat)

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On the Ways of Utilizing Fluorine-containing Waste Gases SOV/64-59-2-6/23
of the Phosphorus Fertilizer Industry

in 1957-1958, where a product called "belaks" was obtained which may be used instead of the expensive "white carbon black". The production was taken up at the khimkombinat Maardu (Chemical Kombinat Maardu). There are 4 references.

Card 6/6

FAYNBERG, Ye.D.

Prospects for the reconditioning of pickling solutions
and use of the iron sulfate in the national economy.

Stal' 23 no.2:179-180 F '63.

(MIRA 16:2)

1. Leningradskoye otdeleniye Gosudarstvennogo instituta po
proyektirovaniyu zavodov osnovnoy khimicheskoy promyshlennosti.

(Metals—Pickling)

(Iron sulfate)

Faynberg, Ye.

PHASE I BOOK EXPLOITATION

SOV/4303

Frunze. Universitet. Nauchnoye studencheskoye obshchestvo

Sbornik nauchnykh rabot studentov, vyp. 2 (Collection of Scientific Works of Students, No. 2) Frunze, 1959. 99 p. 500 copies printed.

Sponsoring Agency: Kirgizskiy gosudarstvennyy universitet.
Nauchnoye studencheskoye obshchestvo.

Resp. Ed.: L. A. Spektorov, Docent; Tech. Ed.: N. A. Yefimov.

PURPOSE: This book is intended for mathematicians, natural scientists, and philologists.

COVERAGE: The collection of articles contains studies in mathematics and mechanics, physics, biology, and philology written by members of the Nauchnoye studencheskoye obshchestvo (Students' Scientific Association) of Kirgizskiy gosudarstvennyy universitet (Kirgiz State University) under the guidance of faculty members. References accompany each article.

~~Card 1/6~~

Collection of Scientific Works (Cont.)

SOV/4303

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FAYNBERG, Ye. F.

GESSIN, Viktor Yul'yevich, laureat Stalinskoy premii, kandidat tekhnicheskikh nauk; FAYNBERG, Ye. F., redaktor; VODOLAGINA, S.D., tekhnicheskiy redaktor; CHUMAYEVA, Z.V., tekhnicheskiy redaktor

[Breakdowns and their prevention in electric systems serving agricultural purposes] Avariinyye rezhimy i zashchita ot nikh v elektroenergeticheskikh setiakh sel'skokhoziaistvennogo naznacheniia. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 365 p. (MLRA 9:3)
(Electricity in agriculture)

KHASHCHINSKIY, Viktor Petrovich; professor; ULITOVSKIY, Boris Alekseyevich,
inzhener; PAYBERG, Ye.P., redakter; LUR'YE, A.B., redakter; VODO-
LAGINA, S.D., tekhnicheskiy redakter.

[Small rural electric power plants operating on heat power] Sel'skie
teplosilevoye ustroevki malei meschchinsti. Pod red. V.P. Khashchin-
skogo. Minsk, Gos.ind-ve sel'khoz. lit-ry, 1956. 118 p. (MLRA 9:6)
(Electric power plants)

KHASECHINSKIY, Viktor Petrovich; SHUSTOV, Vyacheslav Aleksandrovich;
PAYMBERG, Ye.P., redaktor; MOLODTSOVA, N.G., tekhnicheskiy redaktor

[Electricity and its use in agriculture] Elektrичество и его
применение в сельском хозяйстве. Изд. 2-ое, испр. и доп. Москва,
Гос.изд-во сельхоз. литер., 1956. 154 p. (MLRA 9:11)
(Electricity in agriculture)

GRANSKIY, Mikhail Iosifovich; STRELKOVSKIY, Sergey Aleksandrovich;
FAYNBERG, Ye.F., red.; MOLODTSOVA, N.G., tekhn.red.

[Operating of low-pressure rural hydroelectric power stations]
Reshimy raboty nizkonapornykh sel'skikh GES. Moskva, Gos.izd-vo
sel'khoz.lit-ry, 1957. 220 p.
(MIRA 10:12)
(Hydroelectric power stations)

RUDAKOV, Viktor Vasil'yevich, kandidat tekhnicheskikh nauk; KOMPANEYETS,
Vladimir Yakovlevich, kandidat tekhnicheskikh nauk; PROZOROV,
Valentin Alekseyevich, inzhener; MERKUCHEV, Dmitriy Antonovich,
inzhener; SHUSTOV, V.A., dotsent, redaktor; PAYNEV, Ya.Y.,
redaktor; MOLODTSOVA, N.G., tekhnicheskiy redaktor

[Electric machines and automobile and tractor electric equipment]
Elektricheskie mashiny i avtomobile i traktory elektrouzbrojenie. Pod
obschhei red. V.A.Shustova i V.V.Rudakova. Moskva, Gos. izd-vo
sel'khoz. lit-ry, 1957. 302 p. (MLRA 10:6)

(Electric machines)

(Tractors--Electric equipment)

(Automobiles--Electric equipment)

KOVCHIN, Sergey Alekseevich; MERMUCHEV, Dmitriy Antonovich; RUDAKOV,
Viktor Vasil'yevich; SHUSTOV, V.A., dotsent, red.; PAYMBERG,
Ye.P., red.; MOLODTSOVA, N.G., tekhn.red.

[Use of electric power in agriculture; laboratory studies]
Primenenie elektricheskoi energii v sel'skom khozisistve;
laboratorno-prakticheskie raboty. Pod red. V.A. Shustova.
Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 228 p. (MIRA 12:2)
(Electricity in agriculture)

FAYNBERG, YE. I.

Transactions of the 6th Conf. on Probability Theory and Mathematical Statistics and
of the Symposium on Distributions in Infinite-Dimensional Spaces held in Vil'nyus,
5-10 Sep '60. Vil'nyus Gospolitizdat Lit SSR, 1962. 493 p. 2500 copies printed

Optimum (in Shannon's Sense) Code for the Simplest Binary
Channel With Noise

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54. Shkurba, V. V., and N. Z. Shor. Probability Calculation
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56. Yaglom, I. M., and Ye. I. Faynberg. Estimates as to the
Probability of Compound Events 297

THEORY OF GAMES AND THEORY OF QUEUES

57. Basharin, G. P. On Exact and Approximate Methods for
Calculating the Probability of Losses in Two-Cascade
Schemes 307

Card 12/17

PAYNEERG, Ye.R.

Three-dimensional problem of the motion of a cold air layer over mountains which are small compared to the thickness of the layer. Dokl. AN SSSR 147 no.2:357-359 N '62.

1. Institut fiziki, matematiki i mekhaniki AN Kirgizskoy SSR. Predstavлено академиком A.A. Dorodnitsynym.
(Atmosphere) (Mountains)

(MIRA 15:11)

FAYNBERG, Ye.R.

Solving the problem of the effect of hills on the steady movement
of a cold layer of air. Izv. AN SSSR. Ser. geofiz. no.9:1417-1422
S '63. (MIRA 16:10)

1. Kirgizskiy gosudarstvennyy universitet.

FAYNBERG, Ye.P. [deceased]

Flow of cold air around elevations and valleys. Izv. AN SSSR.
Fiz. atm. i okeana 1 no.5:546-549 My '65. (MIRA 18:8)

1. Institut fiziki i matematiki AN KirgSSR.

FAYNEVYRG, Ye. Ye. I MALYEVA, B. I.

30368

Ochistka vodoroda I vodyanogo gaza rastvorami ztanodaminov (dlya
gidrogyenizatsionnykh zavodov). Pishch. Prom-st'. SSSR, Vyp. 13,
1949, S. 63-72.

SO: Letopis' No. 34

1. F'YNBERG, Ye Ye, Eng.
 2. USSR (600)
 4. Oils and Fats
 7. Purification and transportation of press oil sediment by a pneumatic method.
Masl. zhir. prom. 17. no. 4. 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

FRINCLAS, I.C.R.E.

Exemplary computation of equipment (necessary) for the
drying and refining of circulating hydrogen in hydrogenation
industry. R. E. Fauberg. Maslobenie-Zairotayi Prom.
19, No. 6, 13-17 (1954).—The computation of the app. for
refrigeration (I), drying, and refining (II) of circulating H is
described in the text and the diagrams of I and II are pre-
sented.

Vladimir N. Krukovsky

E-1120-7E-1E
TOVBIN, I.M., inzhener; PAYNBERG, Ye.Ye., inzhener.

For further reduction of losses in fat processing plants. Masl.-
zhir.prom.21 no.7:6-7 '55. (MLRA 9:1)

1.Glavparfyumer (for Towbin).2.Giproshir (for Faynberg).
(Oils and fats)

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APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5"

USSR/Chemistry of High Molecular Substances.

F

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19418.

Author : N.V. Mikhaylov, E.E. Faynberg.

Inst : -

Title : Concerning Phase State of Cellulose in Orientated Filaments.

Orig Pub : Dokl. AN SSSR, 1956, 109. No 6, 1160-1162.

Abstract : The heat of solution in the aqueous solution of a quaternary ammonium base of the type of $(C_2H_5)_3(C_6H_5)NOH$ (concentration 34%) was determined for hydratecellulose filaments stretched to various degrees (from 0 to 120%). The heat of solution is between 34.3 and 35.8 cal/g. In view of the obtained data, the authors arrive at the conclusion that hydratecellulose filaments do not alter their phase state in the whole orientation interval from isotropic to highly orientated, and remain amorphous.

Card 1/2

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USSR/Chemistry of High Molecular Substances.

F

Abs Jour : Referat. Zhurnal Khimiya, No 6, 1957, 19418.

The magnitudes of the heat of sulation of viscose filaments prepared by different methods and producing sharply different X-ray pictures are also very close one to another (35.97 - 37.29 cal/g), which indicates that their phase state does not depend on the conditions of filament formation.

Card 2/2

-9-

FAYNBURG, Ye.Ye., inzener; TOVBIN, I.M., inzhener.

Modern apparatus for continuous deodorizing of fats. Masl.-zhir. prom.
23 no.3:18-20 '57. (MIRA 10:4)

1. Giproshir (for Faynberg). 2. Ministerstvo promyshlennosti prodrovol'-
stvennykh tovarov SSSR (for Tovbin).
(Oils and fats)

Faynberg Ya.Ye.
TOVBIN, I.M., inzh.; FAYNBERG, Ya.Ye., inzh.

Calculating the amount of ejector steam used in the deodorizing
of fats. Masl.-zhir. prom. 24 no.1:16-17 '58. (MIRA 11:3)

1.Gosplan SSSR (for Tovbin). 2. Giprozhir (for Faynberg).
(Oils and fats)

TOVBIN, Isaak Moiseyevich; PAYNBERG, Yevsey Yefimovich; BOROVYI, L.P.,
insh., retsentent; KROMIDIN, N.G., kand.tekhn.nauk, spetsred.;
BESH, G.S., red.; SOKOLOVA, I.A., tekhn.red.

[Technological designing for fat processing enterprises;
refining and hydrogenation of fats] Tekhnologicheskoe
projektirovanie zhirepererabatyvalushchikh predpriatii;
rafinatsiya i gidrogenizatsiya zhиров. Moskva, Pishche-
promizdat, 1959. 398 p.
(MIRA 12:6)
(Oils and fats)

FAYBERG, Ye.Ye.,inzh.

Continuous rectification of natural fatty acids, Masl.-zhir.pros.
26 no.11:32-35 ii '60. (MIRA 13:11)
(Acids, Fatty)

FAYNBERG, Ye.Ye., inzh.

Continuous deodorization and refining of fats by the distillation of
free fatty acids. Masl.-zhir.prom. 27 no.5:23-25 My '61.
(MIRA 14:5)

1. Gosudarstvennyy institut po proyektirovaniyu masloboynoy, shirovoy,
mylovarennoy, parfyumernoy i margarinovoy promyslyennosti.
(Oils and fats) (Acidic Fatty) (Deodorization)

KROVOV, L.Ya., ~~and others~~, FAYBERG, Ye.Ye., inzh.

Standard building plan for a synthetic cleaning compounds
plant. Masl.-zhir. prom. 27 no.10:35-41 O '61.
(MIRA 14:11)

1. Gosudarstvennyy institut po proyektirovaniyu masloboynoy,
shirovey, myloverernoy, parfyumernoy i margarinovoy
promyslichnosti.

(Cleaning compounds)
(Factories - Design and construction)

FAYNBERG, Ye.Ye.; BUKHARIN, V.V., spets. red.; KOLOSOVA, S.I., oty.
red.; MANVELOVA, Ye.S., tekhn. red.

[Continuous distillation of glycerol] Nepreryvnaia distilliatsiia
glitserina. Moskva, TSINTIpushcheprom, 1962. 30 p.
(MIRA 15:12)
1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po koordinatsii
nauchno-issledovatel'skikh rabot.
(Glycerol) (Distillation apparatus)

FAYNBERG, Ye.Ye., inzh.

Production of granulated powder in a spray-drying tower. Masl.-zhir.
prom. 28 no.8:36-40 Ag '62. (MIRA 17:2)

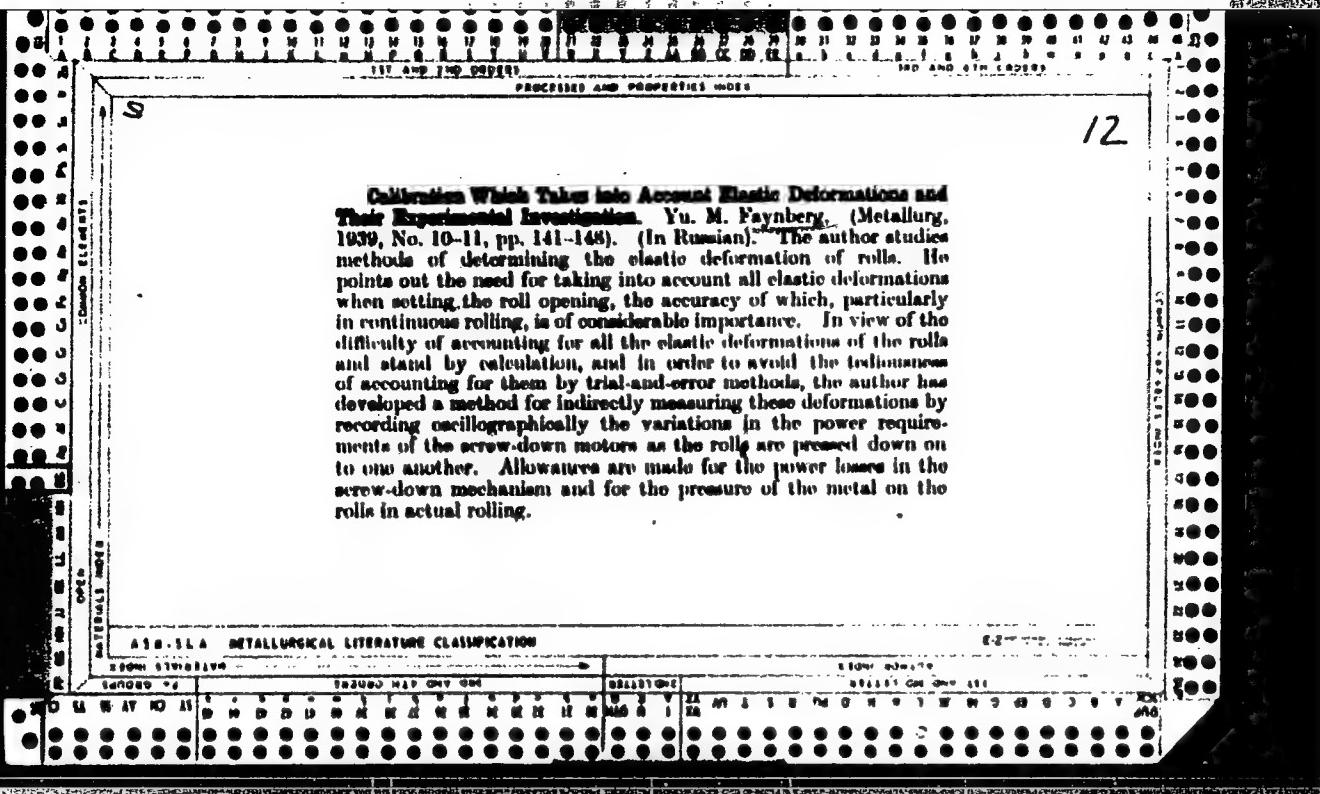
1. Gosudarstvennyy institut po proyektirovaniyu masloboynoy, zhirovoy,
mylovarennoy, parfyumernoy i margarinovoy promyshlennosti.

RUDENSKIY, Lev Veniaminovich[deceased]; KHROMOV, Ruvim Samoylovich; LENKOV, Aleksandr Yakovlevich; FAYNBERG, Yuliy Konstantinovich; SALIT, Yevsey Solomonovich; KAUFMAN, Grigoriy Emmanuilovich; KHIZHINSKIY, Leonid Yakovlevich; KOMAROV, Vasiliy Yefimovich; TSYRUL'NIKOV, Abram Iosifovich; ROZENTSVEYG, Ya.D., red.izd-va; MAIKHAYLOVA, V.V., tekhn. red.

[Study of materials] Materialovedenie. By L.V.Rudenskii i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1961. 476 p.

(MIRA 14:12)

(Materials)



FAYNBERG, Yu. M.

PA 18^A33

USSR/Iron - Metallurgy
Metallurgy

May 1947

"Conditions of Establishing Tension for Rolling of Iron and Conditions of Speed," Yu. M. Faynberg, 4 pp

"Stal!" Vol VII, No 5

For rolling under tension it is important to establish stable conditions. When the first set of rollers operates at a high speed, it is necessary to increase speed of input of the metal into the last set of rollers at a speed corresponding to free-wheeling speed of the rollers.

18T33

FAYNBERG, YU. M.

FAYNBERG, YU. M.

Faynberg, Yu. M. defended his Doctor's dissertation in the Moscow Power Engineering Institute im Molotov, USSR, on 12 March 1948, for the academic degree of Doctor of Technical Sciences.

Dissertation: "Problems of the Electrification of Irreversible Cold-Rolling Mills. A Theory for Increasing Tension and Radically Increasing Productivity". Resume: Faynberg presented proof that raising rolling speeds and accelerations improves tension conditions and increases the mill's stability.

Official Opponents: Profs. A. I. Tselikov, Ye. V. Nitusov, and D. P. Morosov (Doctors of Technical Sciences).

SO: Elektrichestvo, No. 7, Moscow, August 1953, pp 87-92 (W/29844, 16 Apr 54)

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5

FAYNBERG, Yu. M.

Cand. Technical Sci.

"Theoretical fundamentals of speed drawing with tension," Stal', No. 6, 1948

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5"

"APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5

FAYNBERG, Yu. M.

Cand. Technical Sci.

"Forward flow and strain occurring during rolling at varying pressures," *Stal'*, No. 9, 1948.

APPROVED FOR RELEASE: 08/22/2000

CIA-RDP86-00513R000412520011-5"

~~FAYNBERG, Yu.M., doktor tekhn.nauk~~

Determination of power factors in rolling. Obr.met.davl. no.2:
123-131 '53. (MIRA 12:10)

1. Trest Yuzhelektromontash.
(Rolling mills--Electric driving)

74.

AID P - 2813

Subject : USSR/Electricity
Card 1/2 Pub. 27 - 2/30
Author : Faynberg, Yu. M., Doc. of Tech. Sci., Khar'kov
Title : Parameters of the main electric drive circuit of continuous rolling mills
Periodical : Elektrichestvo, 6, 7-12, Je 1955.
Abstract : The author investigated the influence of the parameters of the main electric drive circuit and of the roll-drive motors upon the flow of transient phenomena. The motors were operated with an automatic system of electron-ionic speed regulation. The regulating processes were studied analytically and theoretical findings were verified with the experimental ones. This led the author to the formulation of general principles of selecting the characteristics of such motors. Six diagrams, 1 oscillogram, 1 Soviet reference (1948).

AID P - 2813

Elektrichestvo, 6, 7-12, Je 1955

Card 2/2 Pub. 27 - 2/30

Institution : Khar'kov Branch of the State Industrial Institute of
the Trust for the Planning of Electric Power Plants
for Heavy Industry (GPI Tyazhpromelektroprojekt)

Submitted : F 4, 1955

~~PAYNBORG~~, Yuli Mironovich; ZELENOV, Anatoliy Borisovich; PEREL'MUTER, M.M.,
otvetstvennyy redaktor; ANDREYEV, S.P., tekhnicheskiy redaktor

[Controlling the electric drive of continuous hot rolling mills]
Regulirovaniye elektroprivoda nepreryvnykh stanov goriachei prokatki.
Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1956. 239 p. (MIRA 9:12)
(Rolling mills--Electric driving)

"APPROVED FOR RELEASE: 08/22/2000

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CIA-RDP86-00513R000412520011-5"

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PHASE I BOOK EXPLOITATION

sov/4745

Faynberg, Yuliy Mironovich

Avtoregulirovaniye pri kholodnoy prokatke (Automatic Control in Cold Rolling)
Khar'kov, Metallurgizdat, 1960. 188 p. Errata slip inserted. 4,300 copies
printed.

Resp. Ed.: M. M. Perel'muter; Ed. of Publishing House: R. A. Belina; Tech. Ed.:
S. P. Andreyev.

PURPOSE: This book is intended for technical and scientific workers and may
also be useful to students studying automated electric drives, theory of
control, metal rolling, and the construction of rolling-mill machinery.

COVERAGE: The author discusses the significance of process parameters and mechani-
cal-equipment parameters in the automatic control of cold rolling mills. Gen-
eral theoretical principles for selecting the characteristics of electric
systems controlling the process of rolling with tension are reviewed. In ad-
dition to physical and mathematical interpretations of phenomena, engineering

Card 1/8

Automatic Control in Cold (Cont.)

SOV/4745

methods for calculating control processes are presented and are illustrated by numerical examples. The author also reviews problems of interest to electrical engineers, process engineers and mechanical engineers engaged in operating, constructing, designing and studying rolling mills operating with tension. No personalities are mentioned. There are 73 references: 57 Soviet, 8 English, and 8 German.

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PART I. TENSION UNDER CONDITIONS OF CONSTANT FORWARD
SLIP AND INVARIABLE DRAFT

Ch. I. General Characteristics	9
1. Process parameters affecting the regulation of rolling with tension	9
2. The purpose of tension and the relationship between tension and forward slip	10
3. Classification of rolling regimes according to regulation conditions	12

Card 2/8

FAYNBERG, Yu.M.; GULYAKIN, V.G.

Study of the operation of the rolling devices of blooming mills.
Trudy KhPI 30 no.1:105-110 '60. (MIRA 14:9)
(Rolling mills--Electric driving)

PEREL'MUTER, Moisey Matveyevich; FAYNBERG, Yu.M., ovt. red.; SINYAVSKAYA,
Ye.K., red. izd-va; ANDREYEV, S.P., tekhn. red.

[Electrical ore and coal loader equipment] Elektrooborudovanie rudno-
ugol'nykh peregruzhateli. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-
ry po chernoi i tsvetnoi metallurgii, 1961. 238 p. (MIRA 14:10)
(Coal-handling machinery)

FAYNBERG, Yu.M., doktor tekhn.nauk; TESLENKO, V.P., kand.tekhn.nauk

Concerning the automatic control of electric drives w/ th multiple
motors. Elektrichestvo no.1:25-29 Ja '62. (MIRA 14:12)

1. Ukrainskiy gosudarstvennyy proyektornyy institut Tyazhpromelektropyekt.
(Electric driving)
(Automatic control)

FAYNBERG, Yuliy Mironovich; ZELENOV, A.B., red.; SHLEPOV, V.K.,
red.izd-va; MIKHAYLOVA, V.V., tekhn. red.

[Automatic control of continuous hot rolling mills]
Avtomatizatsiya nepreryvnykh stanov goriachei prokatki.
Moskva, Metallurgizdat, 1963. 326 p. (MIRA 17:2)

FAYNBERG, Yu.M., doktor tekhn.nauk

Accuracy limit of tension regulators in rolling. Elektrichestvo
no.4:93-95 Ap '63. (MIRA 16:5)
(Rolling (Metalwork))

FAYNBERG, Yu. M., doktor tekhn.nauk

Laws of tension changes in the rolling of flat shapes. Stal' 23
no.8:733-734 Ag '63. (MIRA 16:9)

1. Ukrainskiy gosudarstvennyy institut po proyektirovaniyu
elektrooborudovaniya dlya tyazheloy promyshlennosti.
(Rolling (Metalwork))

FAYNBURG, Yu.S.

SUBBOTNIK, S.I., professor; FAYNBURG, Yu.S.; SHPIL'BERG, P.I., doktor
meditsinskikh nauk (Moskva)

Electroencephalographic studies on paroxysmal tachycardia. Terap.
arkh. 26 no.3:10-17 My-Je '54. (MLRA 7:9)
(ELECTROENCEPHALOGRAPHY, in various diseases,
*tachycardia, paroxysmal)

SHPIL'BERG, P.I.; FAYNBERG, Yu.S.

Changes in the electroencephalogram and arousal reaction
in old age. Fiziol. zhur. 49 no.1:16-23 Ja '63.
(MIRA 17:2)

1. From the F.F. Erissman Research Institute of Hygiene
and Railroad Psychoneurological Hospital, Moscow.

FERSHTUDT, I.I.; FAYNBERG, Z.L.

Make wider use of the new equipment. Tekst.prom. 21 no.5:27-3C
My '61. (MIRA 15:1)
(Spinning machinery)

RUSAKOV, A.K.; ROMANOV, Yu.G., konstruktor; FAYNBERG, Z.L.; CHATKINA, Ye.M.,
inzh.

Experience in spinning with by-passing of the roving process. Tekst.-
prom. 21 no.5:43-48 My '61. (MIRA 15:1)

1. Nachal'nik spetsial'nogo konstruktorskogo tyuro legkoy promy-
shlennosti Lensovmarkhoza (for Rusakov).
(Spinning machinery)

FAYNBLIT, A., inzhener.

Machine for moistening grain by means of hot steam. Muk.-elev.
prom. 22 no.1:21 Ja '56. (MLRA 9:5)

1. Irkutskiy treat Glavmuki.
(Grain milling)

PAYNBLIT, A., inzhener; BRUHHIS, P., inzhener.

Determining the productive capacity of feed mills. Muk.-elev.prom.
22 no.6:15-16 Je '56. (MIRA 9:9)

1.Irkutskiy trest Glavuki (for Paynblit).2.Irkutskiy kombikormovyy
zavod (for Bruhhis).
(Feed mills)

FAYNBLIT, A., inzh.

Productive capacity of the VISHKOM grain dryer has been raised.
Muk.-elev. prem. 24 no.12:26 D '58. (MIRA 12:1)

1. Irkutskye upravleniye khleboproduktov.
(Grain--Drying)

FAYNBLIT, A.

Increased capacity of the grain elevator of the Irkutsk Milling Combine
No. 5. Muk.-elev. prom. 27 no. 6:7-8 Je '61. (MIRA 14:6)

1. Glavnnyy inzhener Irkutskogo upravleniya zagotovok.
(Irkutsk—Grain elevators)

NEVEZHIN, M.; PAYNBLIT, A.

Drying and mechanical ventilation of grain at grain receiving stations of Irkutsk Province. Muk.-elev. prom. 26 no.6:10 Je '60. (MIRA 13:12)

1. Nachal'nik Irkutskogo upravleniya khleboproduktov (for Nevezhin).
2. Glavnnyy inzhener Irkutskogo upravleniya khleboproduktov (for Paynblit).

(Irkutsk Province--Grain--Drying)

FAYNBLIT, A., inzh.

Reconstruction of the intake equipment of a grain drying and
cleaning tower. Muk.-elev.prom. 27 no.12:12 D '61. (MIRA 15:2)

1. Irkutskoye upravleniye zagotovok.
(Grain-handling machinery)

FAYNBLUT, B.

How we plan production. Obshchestv.pit. no.10:42 0 '59.
(MIRA 13:4)

1.Zaveduyushchiy uchebnoy chast'yu Khar'kovskoy shkoly
kulinarного uchenichestva.
(Kharkov--Cooking school)

PAYNEBOYM, Iosef Borisovich; KONFEDERATOV, I.Ya., redaktor; SKVORTSOV, I.M., tekhnicheskiy redaktor

[Ivan Gevrilovich Aleksandrov] Ivan Gavrilovich Aleksandrov. Moskva, Gos. energ. izd-vo, 1955. 135 p. (MIRA 8:7)
(Aleksandrov, Ivan Gavrilovich, 1875-1936)

FENBOIM, Iosif Borisovich; VINTER, A.V., akademik, redaktor; KONFEDERATOV,
I.P., redaktor; VORONIN, K.P., tekhnicheskiy redaktor

Boris Evgen'evich Vodeneev. Pod red. A.V. Vintera. Moskva, Gos.energ.
izd-vo, 1956. 71 p. (MLRA 9:7)
(VODENEEV, BORIS EVGEN'EVICH, 1885-1946)

KHALATNIKOV, Isaak Markovich, doktor fiz.-matem. nauk, prof.;
FAYNBOYM, I.B., red.

[Quantum liquids] Kvantovye zhidkosti. Moskva, Izd-vo
"Znanie," 1965. 15 p. (Novoe v zhizni, nauke, tekhnike.
IX Seriya: Fizika, matematika, astronomiya, no.4)
(MIRA 18:3)

FAYNBOIM I. B.

DIRAK, Pol', [Dirac, Paul] chlen Angliyskogo korolevskogo obshchestva,
prof.fiziki; FAYNBOIM, I.B., red.; GUBIN, M.I., tekhn.red.

[Electrons and vacuum] Elektrony i vakuum. Moskva, Izd-vo
"Znanie," 1957. 15 p. (Vsesoiuznoe obshchestvo po rasprostraneniuu
politicheskikh i nauchnykh znanii. Ser.8, no.37) (MIRA 10:12)

1. Kembridzhskiy universitet.(for Dirac).
(Electrons) (Vacuum)

РАЗДЕЛЫ

PSHEZHETSKIY, Samuil Yakovlevich, doktor khim.nauk, prof.; FAYNBOYM, I.B.,
red.; GUBIN, M.I., tekhn.red.

[Using nuclear energy for chemical processes] Ispol'zovanie
iadernoi energii dlia khimicheskikh protsessov. Moskva, Izd-vo
"Znanie," 1957. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniu
politicheskikh i nauchnykh znanii. Ser.8, no.47) (MIRA 11:1)
(Radiochemistry) (Chemistry)

11/14/86 R.S. T.G.

FORTUSHENKO, Aleksandr Dmitriyevich, kand.tekhn.nauk; PAYNBOIM, I.B.,
red.; GUBIN, M.I., tekhn.red.

[Development of the means of communication in the U.S.S.R.
during the past 40 years] Razvitiye sredstv sviazi v SSSR za
40 let. Moskva, Izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe
obshchestvo po rasprostranenniu politicheskikh i nauchnykh
znanii. Ser.4, no.35) (MIRA 11:1)
(Telecommunication)

TERMININ, A.N., akademik; PAYMOYM, I.B., redakter; GUBIN, M.I., tekhnicheskiy
redakter.

[Transformation of light energy] Prevrashcheniya energii sveta. Izd.
2-eo, perer. Moskva, Izd-vo "Znanie," 1957. 20 p. (Vsesoiuznoe
obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii.
Ser. 8, no.12) (MLRA 10:4)
(Light)

FH A D t f A, + E

LEPESHKOV, Ivan Nikonovich; PAYNOV, I.B., redaktor; QUBIN, M.I.,
tekhnicheskiy redaktor [REDACTED]

[Natural salts and their significance for the national economy]
Prirodnye soli i ikh znachenie v narodnom khoziaistve. Moskva.,
Izd-vo "Znanie," 1957. 28 p. (Vsesoiuznoe obshchestvo po
rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, no.1)
(MLRA 10:4)

(Salts)

RABINOVICH, Matvey Samsonovich, doktor fiziko-matematicheskikh nauk;
PAYNE PAYNE, I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Particle accelerators] Uskoriteli zariazhennykh chastits.
Moskva, Izd-vo "Znanie," 1957. 45 p. (Vsesoiuznoe obshchestvo
po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8,
nos. 5/6) (MLRA 10:3)

(Particle accelerators)

СИМЕНОВ, Николай Николаевич, академик, лауреат Нобелевской премии;
ФАЙНБАЙН, И.Б., редактор; ГУБИН, М.И., технический редактор

[Chain reactions and the theory of combustion] O tsapnykh
reaktsiiakh i teorii gorenija. Moskva, Izd-vo "Znanie," 1957.
30 p. (Vsesoiuznoe obshchestvo po rasprostraneniju politicheskikh
i nauchnykh znanii. Ser.8, no.17) (MLRA 10:6)
(Chemical reactions) (Combustion, Theory of)

FAYNBLYUM, Ya.; BAIMUSOV, V.; KARAYEV, G., instruktor fizicheskogo
vospitaniya; NOSOV, A.

News from school. Prof.-tekn. vtr. 19 no.2:32,3 of cover
(MIRA 15:2)
(Vocational education)

GAMBURG, David Yudovich, kandidat khimicheskikh nauk; FAYNOYM, I.B.
redaktor; GUBIN, M.I., tekhnicheskiy redaktor.

[Chemistry and the progress of engineering] Khimia i progress
tekhniki. Moskva, Izd-vo "Znanie," 1957. 23 p. (Vsesoiuznoe
obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii.
Ser.4, no.26) (MLRA 10:11)

(Chemistry)

441NOV 1964 - D.

CHISTYAKOV, Nikolay Iosafovich, doktor tekhnicheskikh nauk, professor;
PAYNBOYM, I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Use of semiconductors in engineering] Primenenie poluprovodnikov
v tekhnike. Moskva, Izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe
obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii.
Ser.4, no.15) (MLRA 10:7)
(Semiconductors)

Faynboym I. B.

NEYMAN, Moisey Borisovich, doktor khim.nauk, prof.; FAYNBOYM, I.B., red.;
GUBIN, M.I., tekhn.red.

[Chemistry in nuclear engineering] Khimiia v atomnoi tekhnike.
Moskva, Izd-vo "Znanie," 1957. 31 p. (Vsesoiuznoe obshchestvo po
rasprostraneniu politicheskikh i nauchnykh znanii Ser.4, no.30)
(MIRA 11:1)

(Nuclear reactors--Materials)

ABRIKOSOV, Aleksey Alekseyevich, doktor fiziko-matematicheskikh nauk;
KHALATNIKOV, Isaak Markovich, doktor fiziko-matematicheskikh
nauk, professor; PAYMOVN. I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Newly discovered properties of elementary particles] Novye svoistva
elementarnykh chasits. Moskva, Izd-vo "Znanie," 1957. 15 p. (Vsesoziusnoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh
znanii. Ser.8, no.20) (MLRA 10:7)
(Particles, Elementary)

ФИНАНСЫ, И.Д.

BEN'KOVSKIY, Vasiliy Grigor'yevich, doktor tekhnicheskikh nauk, professor;
FAYBOYM, I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Use of radioactive radiation in the petroleum industry] Ispol'so-
vaniye radioaktivnykh izluchenii v neftianoi promyshlennosti. Moskva,
Izd-vo "Znanie," 1957. 20 p. (Vsesoyuznoe obshchestvo po rasprostra-
neniiu politicheskikh i nauchnykh znanii. Ser.4, no.13) (MIRA 10:8)
(Radioisotopes—Industrial applications)
(Petroleum engineering)

GUREVICH, Lev Emmanuilovich, doktor fiziko-matematicheskikh nauk, professor;
FAYNBOIM, I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor

[Theory of relativity; basic ideas and deductions from the specific theory of relativity] Teoriya otnositel'nosti; osnovnye poniatia i vyyody chastnoi teorii otnositel'nosti. Moskva, Izd-vo "Znanie." 1957. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser.8, no.18) (MIRA 10:7)
(Relativity (Physics))

KRASIN, Andrey Kapitonovich, doktor fiziko-matematicheskikh nauk; PAYNOYM,
I.B., redaktor; GUBIN, M.I., tekhnicheskiy redaktor.

[Nuclear power reactors] Energeticheskie iadrenye reaktory. Moskva,
Izd-vo "Znanie," 1957 36 p. (Vsesotsnosc obshchestvo po rasprostra-
neniu politicheskikh i nauchnykh znanii. Ser. 8, no.4) (MLRA 10:3)
(Nuclear reactors)

FAYNBOYM, I.B.

POKROVSKIY, Georgiy Iosifovich, general-mayor, doktor tekhn. nauk;
FAYNBOYM, I.B., redaktor; QUBIN, M.I., tekhnicheskiy redaktor.

[The role of science and technology in modern war] Rol' nauki i
tekhniki v sovremennoi voine. Moskva, Izd-vo "Znanie," 1957. 23 p.
(Vsesoiuznoe obshchestvo po rasprostraneniuu politicheskikh i
nauchnykh znanii. Ser.4, no.29) (MIRA 10:11)
(Military art and science)

CHERNYAYEV, Il'ya Il'ich, akademik; FAYNOYM, I.B., redaktor; GUBIN, M.I.,
tekhnicheskiy redaktor.

[Pure substance] Chistoe veshchestvo. Moskva, Izd-vo "Znanie,"
1957. 15 p. (Vsesoiuznoe obshchestvo po rasprostraneniuu politi-
cheskikh i nauchnykh znanii. Ser.8, no.31) (MIRA 10:11)
(Chemistry)

Novoselova, Aleksandra Vasil'yevna; FAYNEQUA, I.B., redaktor; GUBIN, M.I.,
tekhnicheskiy redaktor.

[Rare metals and their uses] Redkie metally i ikh primenenie.
Moskva, Izd-vo "Znanie," 1957. 22 p. (Vsesotsosnoe obshchestvo po
rasprostraneniu politicheskikh i nauchnykh znanii. Ser.4, no.20)
(MIRA 10:11)

1. Chlen-korrespondent AM SSSR (for Novoselova).
(Metals, Rare and minor)

ANISIMOV, Boris Ivanovich, kandidat tekhnicheskikh nauk; FAYNBOIM, I.B.
redaktor; GUBIN, M.I., tekhnicheskiy redaktor.

[Use of radioactive isotopes in machine manufacturing] Primenenie
radioaktivnykh izotopov v mashinostroenii. Moskva, Izd-vo "Znanie,"
1957. 23 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh
i nauchnykh znanii. Ser.4, no.25) (MIRA 10:11)
(Radioisotopes--Industrial application)

FAYNBOYIM, I. S.

Call Nr: None given

Rozen, Boris Yakovlevich, Candidate of Chem. Sciences

Materialy neogranichennykh vozmozhnostey (Materials of Unlimited Possibilities) Moscow, Izd-vo "Znaniye" 1957. 37p. (Vsesoyuznoye obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znanii. Seriya IV, 1957, no. 19) 56,000 copies printed.

Ed.: Faynboym, I. B.; Tech. Ed.: Gubin, M. I.

PURPOSE: The purpose of this popular pamphlet is to acquaint the reader with new plastics of unusual properties which replace metals, glass, fabrics and building materials.

COVERAGE: The author attempts to give a cursory review of new plastics and other synthetic materials and discusses their uses and application. The contributions of Soviet scientists are emphasized but no names or data are given.

Card 1/2

Materials of Unlimited Possibilities (Cont.) Call Nr: None given

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AVAILABLE: Library of Congress

Card 2/2

~~RAYBON, I. B. (Moskva)~~

Atomic energy in the sixth five-year plan¹¹, Fiz.v shkole 17
no.2:8-16 Mr-Ap '57. (MIRA 10:3)
(Atomic energy)

REBINDER, Petr Aleksandrovich, akademik; PAYMOYM, I.B., red.; GUBIN, M.I.,
tekhn.red.

[Physicochemical mechanics; a new branch of science] Fiziko-
khimicheskaya mehanika; novaya oblast' nauki. Moskva, Izd-vo
"Znanie," 1958. 63 p. (Vsesoiuznoe obshchestvo po rasprostraneniu
politicheskikh i nauchnykh znanii. Ser.4, nos.39/40) (MIRA 11:3)
(Mechanics)